

PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. T9613.CON		SERIAL NO. 10/725,862	
LIST OF PRIOR ART CITED BY APPLICANT				APPLICANT Paul T. Clegg et al.			
				FILING DATE December 2, 2003		GROUP 2832	
U.S. PATENT DOCUMENTS							
EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ms	AA	2,828,413	Mar. 25, 1958	Bowers	—	—	
	AB	2,853,585	Sep. 23, 1958	Danziger et al.	—	—	
	AC	3,284,667	Nov. 8, 1966	Harris et al.	—	—	
	AD	3,491,249	Jan. 20, 1970	Rabinow	—	—	
	AE	3,697,821	Oct. 10, 1972	Johnson	—	—	
	AF	3,736,591	May 29, 1973	Rennels et al.	—	—	
	AG	3,885,116	May 20, 1975	Kodaira	—	—	
	AH	3,918,062	Nov. 4, 1975	Haruki et al.	—	—	
	AI	3,940,660	Feb. 24, 1976	Edwards	—	—	
	AJ	3,980,954	Sep. 14, 1976	Whyte	—	—	
	AK	4,016,561	Apr. 5, 1977	Parker et al.	—	—	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
ms	AL	DE 32 24 997 A1	Jan. 5, 1984	Germany			X
	AM	DE 43 08 161 A1	Sep. 22, 1994	Germany			X
	AN	EP 0 022 516	Jan. 21, 1981	Europe			X
	AO	EP 0 040 339	Nov. 25, 1981	Europe			
	AP	EP 0 054 582	Jun. 30, 1982	Europe			
OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])							
ms	AQ		Ademco, "No. 5827BD Wireless Bidirectional Console used with No. 5800™ Transmitter Module Installation Instructions and Operating Guide," Aug. 1993.				
	AR		Ademco, "No. 5827BD Wireless Bidirectional Console Installation and Setup Guide," Feb. 2004.				
	AS		"The search for standard automation protocols narrows," Air Conditioning Heating & Refrigeration News, Vol. 191, No. 5, p. 9, Jan. 1994.				
EXAMINER <i>Michael Bruch</i>				DATE CONSIDERED 12/6/04			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. T9613.CON		SERIAL NO. 10/726,862	
LIST OF PRIOR ART CITED BY APPLICANT					APPLICANT Paul T. Clegg et al.			
					FILING DATE December 2, 2003		GROUP 2832	
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
<i>MAJ</i>	AT	4,095,139	Jun. 13, 1978	Symonds et al.	—	—		
	AU	4,095,139 (reissue)	Jul. 9, 1997	Symonds et al.	—	—		
	AV	4,123,756	Oct. 31, 1978	Nagata et al.	—	—		
	AW	4,163,218	Jul. 31, 1979	Wu	—	—		
	AX	4,194,099	Mar. 18, 1980	Mickelson	—	—		
	AY	4,203,096	May 13, 1980	Farley et al.	—	—		
	AZ	4,206,443	Jun. 3, 1980	Britton	—	—		
	BA	4,225,808	Sep. 30, 1980	Saraceni	—	—		
	BB	4,262,180	Apr. 14, 1981	Walter	—	—		
	<i>MAJ</i>	BC	4,274,045	Jun. 16, 1981	Goldstein	—	—	
BD		4,300,090	Nov. 10, 1981	Weber	—	—		
<b>FOREIGN PATENT DOCUMENTS</b>								
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		
<i>MAJ</i>	BE	EP 0 196 347	Oct. 8, 1986	Europe				
	BF	EP 0 293 569	Dec. 7, 1988	Europe				
	BG	EP 0 327 128	Aug. 9, 1989	Europe				
	BH	EP 0 346 614	Dec. 20, 1989	Europe			X	
	BI	EP 0 357 136	Mar. 7, 1990	Europe				
<b>OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])</b>								
<i>MAJ</i>	BJ	Anonymous, "Echelon releases LONWORKS control network protocol, opening up huge potential," Sensor Review, Vol. 16, No. 4, p. 9, 1996.						
	BK	Anonymous, "New products offer high-speed transmission in control networks," Sensor Review, Vol. 13, No. 4, p. 39, 1993.						
	BL	"1 Million Nodes," Appliance Manufacturer, Vol. 44, No. 1, p. 16, Jan. 1996.						
EXAMINER <i>Michael R. Buelhoff</i>				DATE CONSIDERED <i>12/6/04</i>				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. T9613.CON		SERIAL NO. 10/726,862	
<b>LIST OF PRIOR ART CITED BY APPLICANT</b>					APPLICANT Paul T. Clegg et al.			
					FILING DATE December 2, 2003		GROUP 2832	
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
<i>amb</i>	BM	4,303,811	Dec. 1, 1981	Parkinson	—	—		
	BN	4,334,171	Jun. 8, 1982	Parman et al.	—	—		
	BO	4,336,464	Jun. 22, 1982	Weber	—	—		
	BP	4,338,595	Jul. 6, 1982	Newman	—	—		
	BQ	4,381,456	Apr. 26, 1983	Saito et al.	—	—		
	BR	4,388,567	Jun. 14, 1983	Yamazaki et al.	—	—		
	BS	4,395,660	Jul. 26, 1983	Waszkiewicz	—	—		
	BT	4,418,333	Nov. 29, 1983	Schwarzbach et al.	—	—		
	BU	4,421,966	Dec. 20, 1983	Pounds	—	—		
	<i>amb</i>	BV	4,463,287	Jul. 31, 1984	Pitel	—	—	
BW		4,468,542	Aug. 28, 1984	Pounds	—	—		
<b>FOREIGN PATENT DOCUMENTS</b>								
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		
<i>amb</i>	BX	EP 0 361 734	Apr. 4, 1990	Europe				
<i>amb</i>	BY	EP 0 435 224	Jul. 3, 1991	Europe				
<i>amb</i>	BZ	EP 0 466 152	Jan. 15, 1992	Europe			X	
<i>amb</i>	CA	EP 0 513 443	Nov. 19, 1992	Europe			X	
<i>amb</i>	CB	EP 0 552 769	Jul. 28, 1993	Europe				
<b>OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date (as available))</b>								
<i>amb</i>	CC	Ballerini et al., "AISI Research and MPR Ltd. to Develop and Market Home Automation Products for Telecommunications Industry," Business Wire, Sec. 1, p. 1, Jun. 2, 1989.						
<i>amb</i>	CD	Berger, "Plug-In Remote Controls For The Whole House," Home Mechanix, Vol. 88, No. 762, pp. 26-29, 76, Feb. 1992.						
<i>amb</i>	CE	Bertsch, "Development Tools for Home Automation," IEEE Transactions on Consumer Electronics, Vol. 36, No. 4, pp. 854-858, Nov. 1990.						
EXAMINER <i>Michael G. Smith</i>				DATE CONSIDERED <i>12/6/04</i>				
<p><small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small></p>								

PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. T9613.CON		SERIAL NO. 10/726,862	
<b>LIST OF PRIOR ART CITED BY APPLICANT</b>				APPLICANT Paul T. Clegg et al.			
				FILING DATE December 2, 2003		GROUP 2832	

U.S. PATENT DOCUMENTS							
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
PTO-1449	CF	4,471,493	Sep. 11, 1984	Schober	—	—	
	CG	4,484,190	Nov. 20, 1984	Bedard	—	—	
	CH	4,485,374	Nov. 27, 1984	Meserow et al.	—	—	
	CI	4,491,843	Jan. 1, 1985	Boubouleix	—	—	
	CJ	4,504,778	Mar. 12, 1985	Evans	—	—	
	CK	4,521,843	Jun. 4, 1985	Pezzolo et al.	—	—	
	CL	4,524,288	Jun. 18, 1985	Schimmelpennink et al.	—	—	
	CM	4,532,395	Jul. 30, 1985	Zukowski	—	—	
	CN	4,560,909	Dec. 24, 1985	Peil	—	—	
	CO	4,563,592	Jan. 7, 1986	Yuhasz et al.	—	—	
PTO-1449	CP	4,575,660	Mar. 11, 1986	Zaharchuk et al.	—	—	

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		
PTO-1449	CQ	EP 0 555 869	Aug. 18, 1993	Europe			
	CR	EP 0 558 349	Sep. 1, 1993	Europe			
	CS	EP 0 616 451	Sep. 21, 1994	Europe			X
	CT	EP 0 626 635	Nov. 30, 1994	Europe			
	CU	EP 0 687 078	Dec. 13, 1995	Europe			X

OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date (as available))		
EXAMINER INITIALS	DOCUMENT NUMBER	Description
PTO-1449	CV	Beuth Verlag GMBH, "DIN 19 245 Teil 1: Profibus," DIN Deutsches Institute fur Normung E.V., Apr. 1991.
	CW	Boughton, "Hard-Wired Home: Automated systems can control everything from lights to curling irons to hot tubs – all at the push of a button," The San Francisco Chronicle, p. Z1, Aug. 30, 1995.
	CX	Buffkin, "CEBus, LonWorks heading from 'HomeLAN,'" Electronic Engineering Times, Vol. 847, p. 58, May 8, 1995.

EXAMINER <i>Michael Bridges</i>	DATE CONSIDERED <i>12/6/04</i>
---------------------------------	--------------------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. T9613.CON		SERIAL NO. 10/726,862	
<b>LIST OF PRIOR ART CITED BY APPLICANT</b>					APPLICANT Paul T. Clegg et al.			
					FILING DATE December 2, 2003		GROUP 2832	
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIALS	CY	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>[Handwritten initials]</i>		4,582,967	Apr. 15, 1986	Brumit et al.	—	—		
		4,590,614	May 20, 1986	Erat	—	—		
		4,611,198	Sep. 9, 1986	Levinson et al.	—	—		
		4,631,377	Dec. 23, 1986	Imazeki et al.	—	—		
		4,635,040	Jan. 6, 1987	Masot	—	—		
		4,644,320	Feb. 17, 1987	Carr et al.	—	—		
		4,686,822	Aug. 4, 1987	Angott	—	—		
		4,689,547	Aug. 25, 1987	Rowen et al.	—	—		
		4,691,341	Sep. 1, 1987	Knoble et al.	—	—		
		4,703,306	Oct. 27, 1987	Barritt	—	—		
	DI	4,714,983	Dec. 22, 1987	Lang	—	—		
<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	<u>TRANSLATION</u> YES NO	
<i>[Handwritten initials]</i>	DJ	FR 2 702 115	Sep. 2, 1994	France			X	
	DK	GB 1 215 009	Dec. 9, 1970	Great Britain				
	DL	GB 2 099 222	Dec. 1, 1982	Great Britain				
	DM	GB 2 166 328	Apr. 30, 1986	Great Britain				
	DN	WO 86/06890	Nov. 20, 1986	PCT				
<b>OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])</b>								
<i>[Handwritten initials]</i>	DO		Bushby, "The BACnet communication protocol for building automation system," Ashrae Journal, pp. 14-21, Apr. 1991.					
	DP		"Getting all your appliances on the same wavelength," Business Week, Vol. 3088, p. 92E, Jan. 23, 1989.					
	DQ		Butler, "Personal Technology at Home with Technology: LonWorks may run home of the future," The Atlanta Journal the Atlanta Constitution, p. P6, Nov. 19, 1995.					
EXAMINER				DATE CONSIDERED				
<i>[Handwritten signature]</i>				12/6/04				
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>								

PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. T9613.CON		SERIAL NO. 10/726,862		
<b>LIST OF PRIOR ART CITED BY APPLICANT</b>					APPLICANT Paul T. Clegg et al.				
					FILING DATE December 2, 2003		GROUP 2832		
<b>U.S. PATENT DOCUMENTS</b>									
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
9/25/97	DR	4,716,409	Dec. 29, 1987	Hart et al.	—	—			
	DS	4,719,446	Jan. 12, 1988	Hart	—	—			
	DT	4,727,296	Feb. 23, 1988	Zaharchuk et al.	—	—			
	DU	4,728,949	Mar. 1, 1988	Platte et al.	—	—			
	DV	4,737,769	Apr. 12, 1988	Masot	—	—			
	DW	4,745,351	May 17, 1988	Rowen et al.	—	—			
	DX	4,749,917	Jun. 7, 1988	Angott et al.	—	—			
	DY	4,755,792	Jul. 5, 1988	Pezzolo et al.	—	—			
	DZ	4,764,981	Aug. 16, 1988	Miyahara et al.	—	—			
	EA	4,772,824	Sep. 20, 1988	Gulledge	—	—			
9/25/97	EB	4,783,581	Nov. 8, 1988	Flowers et al.	—	—			
	<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	<u>TRANSLATION</u> YES NO		
	9/25/97	EC	WO 90/08418	Jul. 26, 1990	PCT				
		ED	WO 93/13507	Jul. 8, 1993	PCT				
		EE	WO 95/32595	Nov. 30, 1995	PCT				
		EF	WO 97/29560	Aug. 14, 1997	PCT				
	<b>OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])</b>								
	9/25/97	EG		Butler, "Wireless Light Switch Flexible, Easy to Install," The Columbus Dispatch, p. 10H, Oct. 23, 1993.					
		EH		Butler, "Add-On Light Switches Eliminate Wiring Hassles," Roanoke Times & World News, p. 3, Jun. 6, 1995.					
EI			Bybee, "Build Reacts: The Radio-Electronics Advanced Control System," Radio Electronics, Vol. 59, No. 10, p. 65, Oct. 1988.						
EXAMINER <i>Michael C. Eberle</i>				DATE CONSIDERED <i>12/6/04</i>					
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>									

PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. T9613.CON		SERIAL NO. 10/726,862	
<b>LIST OF PRIOR ART CITED BY APPLICANT</b>				APPLICANT Paul T. Clegg et al.			
				FILING DATE December 2, 2003		GROUP 2832	

U.S. PATENT DOCUMENTS							
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>OT/10/03</i>	EJ	4,814,776	Mar. 21, 1989	Caci et al.	—	—	
	EK	4,823,069	Apr. 18, 1989	Callahan et al.	—	—	
	EL	4,825,209	Apr. 25, 1989	Sasaki et al.	—	—	
	EM	4,843,386	Jun. 27, 1989	Wolf	—	—	
	EN	4,864,588	Sep. 5, 1989	Simpson et al.	—	—	
	EO	4,876,552	Oct. 24, 1989	Zakman	—	—	
	EP	4,878,010	Oct. 31, 1989	Weber	—	—	
	EQ	4,889,999	Dec. 26, 1989	Rowen	—	—	
	ER	4,918,432	Apr. 17, 1990	Pauley et al.	—	—	
	<i>OT/10/03</i>	ES	4,918,717	Apr. 17, 1990	Bissonnette et al.	—	—
ET		4,924,109	May 8, 1990	Weber	—	—	

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		

OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])			
<i>OT/10/03</i>	EU	Caristi, "Carrier-current remote control," Electronics Now, Vol. 66, No. 6, p. 49, Jun. 1, 1995.	
<i>OT/10/03</i>	EV	Carlin, "On the bus," Sound & Image, Vol. 4, No. 3, p. 20, Fall 1994.	
<i>OT/10/03</i>	EW	"What's new in CBus Shop™?" www.cbushop.com, at least as early as June 18, 2004.	

EXAMINER <i>Michael R. Breitkopf</i>	DATE CONSIDERED <i>12/16/04</i>
--------------------------------------	---------------------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. T9613.CON		SERIAL NO. 10/726,862	
LIST OF PRIOR ART CITED BY APPLICANT					APPLICANT Paul T. Clegg et al.			
					FILING DATE December 2, 2003		GROUP 2832	
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
<i>ma3</i>	EX	4,940,903	Jul. 10, 1990	Brown, Jr. et al.	—	—		
	EY	4,948,987	Aug. 14, 1990	Weber	—	—		
	EZ	4,955,084	Sep. 4, 1990	Umetsu et al.	—	—		
	FA	4,980,806	Dec. 25, 1990	Taylor et al.	—	—		
	FB	5,003,318	Mar. 26, 1991	Berneking et al.	—	—		
	FC	5,017,837	May 21, 1991	Hanna et al.	—	—		
	FD	5,028,853	Jul. 2, 1991	Brown, Jr. et al.	—	—		
	FE	5,034,602	Jul. 23, 1991	Garcia, Jr. et al.	—	—		
	FF	5,041,825	Aug. 20, 1991	Hart et al.	—	—		
	<i>ma3</i>	FG	5,051,720	Sep. 24, 1991	Kittirutsunetorn	—	—	
FH		5,079,559	Jan. 7, 1992	Umetsu et al.	—	—		
<b>FOREIGN PATENT DOCUMENTS</b>								
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		
<b>OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])</b>								
<i>ma3</i>	FI	"U105RHH001BPW1: Handheld Remote Unit - Pearl White," www.cbushop.com, at least as early as June 18, 2004.						
	FJ	Coffey, "CEBus," email, at least as early as July, 2004.						
	FK	"Open the pod bay door," Compute!, Vol. 14, No. 11, p. 44, Dec. 1992.						
EXAMINER <i>Michael A. Baer</i>				DATE CONSIDERED <i>12/6/04</i>				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								



PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. T9613.CON		SERIAL NO. 10/726,862	
<b>LIST OF PRIOR ART CITED BY APPLICANT</b>				APPLICANT Paul T. Clegg et al.			
				FILING DATE December 2, 2003		GROUP 2832	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIALS	CLASS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>MB</i>	FL	5,086,385	Feb. 4, 1992	Launey et al.	—	—	
	FM	5,109,222	Apr. 28, 1992	Welty	—	—	
	FN	5,113,498	May 12, 1992	Evan et al.	—	—	
	FO	5,146,153	Sep. 8, 1992	Luchaco et al.	—	—	
	FP	5,175,477	Dec. 29, 1992	Grissom	—	—	
	FQ	5,189,412	Feb. 23, 1993	Mehta et al.	—	—	
	FR	5,209,560	May 11, 1993	Taylor et al.	—	—	
	FS	5,225,765	Jul. 6, 1993	Callahan et al.	—	—	
	FT	5,237,264	Aug. 17, 1993	Moseley et al.	—	—	
	<i>MB</i>	FU	5,239,205	Aug. 24, 1993	Hoffman et al.	—	—
FV		5,247,293	Sep. 21, 1993	Nakagawa	—	—	
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	<u>TRANSLATION</u> YES NO
<b>OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date (as available))</b>							
<i>MB</i>	FW		Cross et al., "A Fiber Optic Home Automation System," IEEE Transactions on Consumer Electronics, Vol. 39, No. 3, pp. 636-645, Aug. 1993.				
<i>MB</i>	FX		Davidson, "Echelon's Local Operating Network," Circuit Cellar Ink, pp. 74-77, June/July 1991.				
<i>MB</i>	FY		Davidson, "Take a Tour of the Bright Home," The Computer Applications Journal, Vol. 25, pp. 14-21, February/March 1992.				
EXAMINER <i>Michael R. Buehler</i>				DATE CONSIDERED <i>12/6/04</i>			
<p><small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small></p>							

PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. T9613.CON		SERIAL NO. 10/726,862	
<b>LIST OF PRIOR ART CITED BY APPLICANT</b>					APPLICANT Paul T. Clegg et al.			
					FILING DATE December 2, 2003		GROUP 2832	
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
<i>AM</i>	FZ	5,248,919	Sep. 28, 1993	Hanna et al.	C	—		
	GA	5,280,296	Jan. 18, 1994	Tan et al.	—	—		
	GB	5,311,656	May 17, 1994	Eldershaw	—	—		
	GC	5,321,736	Jun. 14, 1994	Beasley	—	—		
	GD	5,327,426	Jul. 5, 1994	Dolin, Jr. et al.	—	—		
	GE	5,340,954	Aug. 23, 1994	Hoffman et al.	—	—		
	GF	5,349,362	Sep. 20, 1994	Forbes et al.	—	—		
	GG	5,361,985	Nov. 8, 1994	Rein et al.	—	—		
	GH	5,373,411	Dec. 13, 1994	Grass et al.	—	—		
	<i>MD</i>	GI	5,382,947	Jan. 17, 1995	Thaler et al.	—	—	
GJ		5,399,940	Mar. 21, 1995	Hanna et al.	—	—		
<b>FOREIGN PATENT DOCUMENTS</b>								
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	<u>TRANSLATION</u> YES NO		
<b>OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date (as available))</b>								
<i>MD</i>	GK		Davidson, "CEBus: A New Standard in Home Automation," Circuit Cellar Ink, pp. 40-52, August/September, 1989.					
<i>MD</i>	GL		Davidson, "CEBus Update," Circuit Cellar Ink, pp. S2-S10, Building Automation Special.					
<i>MD</i>	GM		Davidson, "CEBus Gets Physical," Circuit Cellar Ink, pp. 103-104, February/March, 1991.					
EXAMINER <i>Michael A. Ziedner</i>				DATE CONSIDERED <i>12/6/04</i>				
<p><b>*EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>								

PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. T9613.CON		SERIAL NO. 10/726,862	
<b>LIST OF PRIOR ART CITED BY APPLICANT</b>					APPLICANT Paul T. Clegg et al.			
					FILING DATE December 2, 2003		GROUP 2832	
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
MSE	GN	5,400,246	Mar. 21, 1995	Wilson et al.	—	—		
	GO	5,401,927	Mar. 28, 1995	Lundell et al.	—	—		
	GP	5,436,510	Jul. 25, 1995	Gilbert	—	—		
	GQ	5,452,291	Sep. 19, 1995	Eisenhandler et al.	—	—		
	GR	5,455,464	Oct. 3, 1995	Gosling	—	—		
	GS	5,455,761	Oct. 3, 1995	Kushiro et al.	—	—		
	GT	5,467,264	Nov. 14, 1995	Rauch et al.	—	—		
	GU	5,481,750	Jan. 2, 1996	Parise et al.	—	—		
	GV	5,490,144	Feb. 6, 1996	Tran et al.	—	—		
	MBS	GW	5,495,406	Feb. 27, 1996	Kushiro et al.	—	—	
GX		5,565,855	Oct. 15, 1996	Knibbe	—	—		
<b>FOREIGN PATENT DOCUMENTS</b>								
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	<u>TRANSLATION</u> YES NO		
<b>OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date (as available))</b>								
MSE	GY	Davidson, "CEBus Update: More Physical Details Available," Circuit Cellar Ink, pp. 66-72, June/July 1991.						
MBS	GZ	Davidson, "CEBus Goes Coax," The Computer Applications Journal, Vol. 25, pp. 108-110, Feb/Mar 1992.						
	HA	Davidson, "Habitech 94," The Computer Applications Journal, Vol. 47, pp. 46-51, June 1994.						
EXAMINER <i>Michael Benedict</i>				DATE CONSIDERED <i>12/6/04</i>				
<p><b>*EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>								

PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. T9613.CON		SERIAL NO. 10/726,862	
LIST OF PRIOR ART CITED BY APPLICANT					APPLICANT Paul T. Clegg et al.			
					FILING DATE December 2, 2003		GROUP 2832	
U.S. PATENT DOCUMENTS								
EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	HB	5,565,865	Oct. 15, 1996	So	—	—		
	HC	5,588,760	Dec. 31, 1996	So	—	—		
	HD	5,637,930	Jun. 10, 1997	Rowen et al.	—	—		
	HE	5,640,141	Jun. 17, 1997	Myllymäki	—	—		
	HF	5,657,005	Aug. 12, 1997	Seebeck et al.	—	—		
	HG	5,668,358	Sep. 16, 1997	Wolf et al.	—	—		
	HH	5,711,588	Jan. 27, 1998	Rudisill	—	—		
	HI	5,726,644	Mar. 10, 1998	Jednacz et al.	—	—		
	HJ	5,736,965	Apr. 7, 1998	Mosebrook et al.	—	—		
	HK	5,748,828	May 5, 1998	Steiner et al.	—	—		
	HL	5,796,382	Aug. 18, 1998	Beeteson	—	—		
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date (as available))								
	HM		Delaney, "The CEBus perspective," Appliance Manufacturer, Vol. 41, No. 5, p. 31, May 1993.					
	HN		DiChristina et al., "Controlling the Home," Popular Science, Vol. 240, No. 5, p. 48, May 1992.					
	HO		DiLouie, "Automated Controls Can Save Energy," Facilities Design & Management, Vol. 41, No. 11, p. 35, Nov. 1995.					
EXAMINER					DATE CONSIDERED 12/6/04			
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>								

PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. T9613.CON		SERIAL NO. 10/726,862	
<b>LIST OF PRIOR ART CITED BY APPLICANT</b>					APPLICANT Paul T. Clegg et al.			
					FILING DATE December 2, 2003		GROUP 2832	
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
<i>ms</i>	HP	5,801,345	Sep. 1, 1998	Mikula-Curtis et al.	—	—		
	HQ	5,905,442	May 18, 1999	Mosebrook et al.	—	—		
	HR	5,912,443	Jun. 15, 1999	Hasunuma	—	—		
	HS	5,960,942	Oct. 5, 1999	Thornton	—	—		
	HT	5,962,109	Oct. 5, 1999	Schwietz	—	—		
	HU	5,975,711	Nov. 2, 1999	Parker et al.	—	—		
	HV	5,977,901	Nov. 2, 1999	Fenner	—	—		
	HW	5,982,103	Nov. 9, 1999	Mosebrook et al.	—	—		
	HX	6,032,202	Feb. 29, 2000	Lea et al.	—	—		
	<i>ms</i>	HY	6,080,940	Jun. 27, 2000	Rice	—	—	
HZ		6,140,987	Oct. 31, 2000	Stein et al.	—	—		
<b>FOREIGN PATENT DOCUMENTS</b>								
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	<u>TRANSLATION</u> YES NO		
<b>OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])</b>								
<i>ms</i>	IA	Douligeris et al., "The Consumer Electronic Bus Symbol Encoding Sublayer: A Twisted Pair Implementation," IEEE, pp. 385-388, 1992.						
	IB	Douligeris, "Intelligent Home Systems: Low-cost computers and fiber optics make it possible to implement systems that can integrate data, voice, and visual communications inside the home," IEEE Communications Magazine, pp. 52-61, Oct. 1993.						
	IC	Douligeris et al., "Communications and Control for a Home Automation System," IEEE, pp. 171-175, 1991.						
EXAMINER <i>Michael A. Brinkley</i>				DATE CONSIDERED <i>12/6/09</i>				
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>								

PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. T9613.CON		SERIAL NO. 10/726,862	
<b>LIST OF PRIOR ART CITED BY APPLICANT</b>				APPLICANT Paul T. Clegg et al.			
				FILING DATE December 2, 2003		GROUP 2832	

U.S. PATENT DOCUMENTS							
EXAMINER INITIALS	ID	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>amg</i>	ID	6,169,256	Jan. 2, 2001	Hanahara et al.	—	—	
	IE	6,180,895	Jan. 30, 2001	Hutchinson et al.	—	—	
	IF	6,184,481	Feb. 6, 2001	Chen	—	—	
	IG	6,199,136	Mar. 6, 2001	Shteyn	—	—	
	IH	6,233,132	May 15, 2001	Jenski	—	—	
	II	6,355,890	Mar. 12, 2002	Kuroda	—	—	
	IJ	6,369,800	Apr. 9, 2002	Nading et al.	—	—	
	IK	6,467,924	Oct. 22, 2002	Shipman	—	—	
	IL	6,493,874	Dec. 10, 2002	Humpleman	—	—	
	<i>amg</i>	IM	6,523,696	Feb. 25, 2003	Saito et al.	—	—
IN		6,549,190	Apr. 15, 2003	Windrem	—	—	

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date (as available))		
<i>amg</i>	IO	Driscoll, "A Timeline for Home Automation," www.eddriscoll.com, 2002.
<i>amg</i>	IP	Edden, "Modelling CEBus Home Automation with Knowledge Based Tools," IEEE, pp. 623-627, 1990.
<i>amg</i>	IQ	"LONworks gets interface boards," Electronic Engineering Times, p. 54, Jul. 3, 1995.

EXAMINER <i>Michael R. Bridger</i>	DATE CONSIDERED <i>12/6/04</i>
------------------------------------	--------------------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. T9613.CON		SERIAL NO. 10/726,862	
<b>LIST OF PRIOR ART CITED BY APPLICANT</b>					APPLICANT Paul T. Clegg et al.			
					FILING DATE December 2, 2003		GROUP 2832	
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIALS	IR	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>[Handwritten signature]</i>		6,555,774	Apr. 29, 2003	Nielsen	—	—		
		6,575,607	Jun. 10, 2003	Klemish et al.	—	—		
		6,593,530	Jul. 15, 2003	Hunt	—	—		
		6,608,271	Aug. 19, 2003	Duarte	—	—		
		6,618,764	Sep. 9, 2003	Shteyn	—	—		
		6,640,141	Oct. 28, 2003	Bennett	—	—		
		6,680,730	Jan. 20, 2004	Shields et al.	—	—		
		2001/0055003	Dec. 27, 2001	Chi et al.	—	—		
		2002/0026533	Feb. 28, 2002	Dutta et al.	—	—		
		2002/0037004	Mar. 28, 2002	Bossemeyer et al.	—	—		
<i>[Handwritten signature]</i>		2003/0012035	Jan. 16, 2003	Bernard	—	—		
<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	<u>TRANSLATION</u> YES NO	
<b>OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])</b>								
<i>[Handwritten signature]</i>	JC		Electronic Industries Association. EIA-600 (Sections 600.10, 600.31, 600.32, 600.33, 600.35, 600.37, 600.38, 600.41, 600.42, 600.81, and 600.82), Feb. 1995.					
	JD		"New CEBus devices target energy management," Electronic News, Vo. 40, No. 2006, p. 48, Mar. 21, 1994.					
	JE		"Intellon-IBM CEBus deal eyes energy/cpm system," Electronic News, Vol. 41, No. 2063, p. 24, May 1, 1995.					
EXAMINER <i>[Handwritten signature]</i>					DATE CONSIDERED <i>12/6/04</i>			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. T9613.CON		SERIAL NO. 10/726,862	
<b>LIST OF PRIOR ART CITED BY APPLICANT</b>				APPLICANT Paul T. Clegg et al.			
				FILING DATE December 2, 2003		GROUP 2832	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>ans</i>	JF	2003/0052770	Mar. 20, 2003	Mansfield, Jr. et al.	—	—	
	JG	2003/0056012	Mar. 20, 2003	Modeste et al.	—	—	
	JH	2003/0129969	Jul. 10, 2003	Rucinski	—	—	
	JI	2003/0227894	Dec. 11, 2003	Wang et al.	—	—	
	JJ	2003/0233429	Dec. 18, 2003	Matte et al.	—	—	
	JK	2004/0037288	Feb. 26, 2004	Bourgart et al.	—	—	
<i>ans</i>	JL	2004/0054747	Mar. 18, 2004	Breh et al.	—	—	
<b>FOREIGN PATENT DOCUMENTS</b>							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		
<b>OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])</b>							
<i>ans</i>	JM	"Intellon spins home automation roadmap," Electronic News, Vol. 41, No. 2064, P. 46, May 8, 1995.					
	JN	"WA firm wins US automation award," Electronics Australia, Vol. 57, No. 1, p. 123, Jan. 1995.					
	JO	Evans, "Solving Home Automation Problems Using Artificial Intelligence Techniques," IEEE, pp. 395-400, 1991.					
EXAMINER <i>Michael A. Briedhoff</i>				DATE CONSIDERED <i>12/6/07</i>			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							





















PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. T9613.CON	SERIAL NO. 10/726,862
<b>LIST OF PRIOR ART CITED BY APPLICANT</b>		APPLICANT Paul T. Clegg et al.	
		FILING DATE December 2, 2003	GROUP 2832


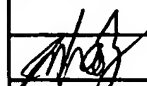
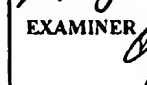

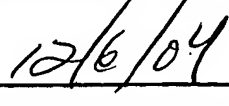
  

U.S. PATENT DOCUMENTS							
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		

OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])			
	KN		Khawand et al., "Common Application Language (AL) and Its Integration into a Home Automation System," IEEE, pp. 157-162, 1991.
	KO		Kirschner, "Smarts at Last?" Popular Science, Vol. 247, No. 1, p. 38, July 1995.
	KP		Krause, "Echelon-CEBus rivalry tangles decoder specs," Electronic News, Vol. 41, No. 2067, p. 1, May 29, 1995.
EXAMINER		DATE CONSIDERED	
			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



[illegible]

[illegible]

[illegible]

[illegible]

PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. T9613.CON	SERIAL NO. 10/726,862
<b>LIST OF PRIOR ART CITED BY APPLICANT</b>		APPLICANT Paul T. Clegg et al.	
		FILING DATE December 2, 2003	GROUP 2832

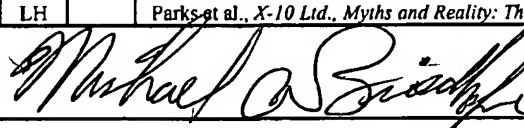
  

U.S. PATENT DOCUMENTS							
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		

OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date (as available))			
LF		Parks, "The State of Home Systems," The Computer Applications Journal, Vol. 25, pp. 12-13, Feb/Mar, 1992.	
LG		Parks Associates, Home Systems 94: Home Controls, Parks Associates, Dallas, 1994.	
LH		Parks et al., X-10 Ltd., Myths and Reality: The Facts Behind the Company and the Technology, Parks Associates, Dallas, 1994.	
EXAMINER			DATE CONSIDERED 12/6/94

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.







[illegible]





[illegible]

[illegible]

PTO-1449	<b>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</b>	<b>ATTY. DOCKET NO.</b> T9613.CON	<b>SERIAL NO.</b> 10/726,862
<b>LIST OF PRIOR ART CITED BY APPLICANT</b>		<b>APPLICANT</b> Paul T. Clegg et al.	
		<b>FILING DATE</b> December 2, 2003	<b>GROUP</b> 2832
U.S. PATENT DOCUMENTS			
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS			
	DOCUMENT NUMBER	COUNTRY	TRANSLATION YES NO
<b>OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])</b>			
MDS	MD	“What is X10?” www.smarthome.com, at least as early as Jun. 21, 2004.	
dhs	ME	“Automatically Turn On X10 Lights When You Enter the Room!” www.smarthome.com, at least as early as Jun. 18, 2004.	
dhs	MF	“Control Lights and Appliances from the Comfort of Your Sofa!” www.smarthome.com, at least as early as Jun. 21, 2004.	
<b>EXAMINER:</b> Michael D. Bridges		<b>DATE CONSIDERED:</b> 12/6/04	

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Page 40 of 44



[illegible]

Page 42 of 44

[illegible]

